

## ES/EU DECLARATION OF CONFORMITY

Within the meaning of EC Directives 94/9/EC, 2004/108/EC, 2009/125/EC, 2011/65/EU, or from 20 April 2016 in the sense of EU Directive 2014/34/EU and 2014/30/EU

**We,**

Družstevní závody Dražice - strojírna s.r.o.  
Dražice 69  
294 71 Benátky nad Jizerou  
IČO: 45148465, Czech Republic

hereby declare that products:

OKC, OKCE, OKCV, OKCEV, TO, OKHE, OKHE ONE, OKHV, OKHEV, TO UP, TO IN, BTO UP, BTO IN, PTO, OKHE SMART, TPK, TJ, NAD, UKV, NADO, NADE, NADOE, NADS, NADOS, in certificate no. B-00644-23, issued on April 28, 2023 (document set out in annex).

**That are the subjects of this declaration, are in conformity with the following EC directives:**

Electromagnetic Compatibility (EMC): 2014/30/EU

Low Voltage Directive (LVD): 2014/35/EU

Eco-design requirements: 2009/125/EC

Eco-design implementing: (EU) 812/2013, (EU) 814/2013

Restriction of Hazardous Substances (RoHS): 2011/65/EU

Regulation of the Government CR: 118/2016 Sb., 163/2002Sb., 215/2016 Sb., 117/2016 Sb., 481/2012 Sb. a 312/2005 Sb.

**List of harmonized technical standards of the Czech Republic:**

ČSN EN 12897:2017 + A1:2020

ČSN EN 60335-1 ed.3:2012 + O1:2014 + O2:2019 + A1:2019 + A11:2014 + A13:2018 + A14:2020 + A2:2019 + Z1:2014 + Z2:2016

ČSN EN 60335-2-21 ed.2:2004 + A1:2005 + A2:2009 + O1:2007 + O2:2008 + O3:2011

ČSN EN 62233:2008

ČSN EN 50440:2016 + A1:2021

ČSN 06 0830:2014 + Z1:2014

ČSN 06 1010:1984 + a:1986

**Details of the authorized company involved in the conformity assessment:**

Strojírenský zkušební ústav, s. p., (Engineering Test Institute, Public Enterprise), autorizovaná osoba 202, Hudcova 424/56b, Medlánky, 621 00 Brno, IČ 00001490, Czech Republic

The technical documentation required to demonstrate that the products meet the requirements of the above EC Directives has been compiled and is available for inspection by the relevant enforcement authorities.

In Dražice on May 11, 2023



Ing. Karel Bačourek  
General manager





**Strojirenský zkušební ústav, s.p.**  
**(Engineering Test Institute, Public Enterprise)**  
Product Certification Body  
Hudcova 424/56b, Medlánky, 621 00 Brno, Czech Republic

issues

# CERTIFICATE

Number: **B-00644-23**

Manufacturer: Družstevní závody Dražice - strojírna s.r.o.  
Dražice 69  
294 71 Benátky nad Jizerou  
Czech Republic

Company ID No: 45148465

Products: Storage water heaters, Hot-water storage tanks, Storage tanks,  
Electric instantaneous water heaters, System units

Type designation: see Pages 2 to 7

Versions: see Pages 2 to 7

The Engineering Test Institute, Public Enterprise, hereby certifies that the initial product type testing of the products concerned has been performed in compliance with the requirements of Section 7 (2) of Government Regulation 163/2002 Coll. laying down technical requirements for selected construction products, as amended by Government Regulation 312/2005 Coll. and Government Regulation 215/2016 Coll., with a satisfactory result.

Applied normative documents:  
Technical Construction Certificate 202-STO-B-00593-23 of 2023-04-03.

Certification scheme applied:  
SZÚ-1a:2020.00 (based on Scheme 1a ISO/IEC 17067, which is based on testing and inspection).

The present Certificate has been issued on the basis of Final Report on Initial Product Type Testing 30-16400/TZ of 2023-04-28, issued by the Engineering Test Institute, Public Enterprise. The Final Report contains conclusions drawn from the assessments and the product identification data.

The Certificate is valid until **2025-04-30**, provided the holder does not violate the rules for using the Certificate.

This Certificate does not substitute for a relevant document issued by an authorized body.

The rules for using the Certificate are specified on Page 7.

Brno, 2023-04-28



Ing. Aleš Onderek  
Deputy Head of Certification  
Body

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Strojirenský zkušební ústav, s.p., Hudcova 424/56b, 621 00 Brno, Česká republika  
Engineering Test Institute, public enterprise, Hudcova 424/56b, 621 00 Brno, Czech Republic

[www.szutest.cz](http://www.szutest.cz)





Specification of the products:

Water heaters – OKC type series:

Product	Example of designation
<b>Combined storage water heaters: suspended, vertical</b>	
Area of exchanger 0.41 m <sup>2</sup>	OKC 80
OKC 80	
Area of exchanger 0.68 m <sup>2</sup>	OKC 100
OKC 100, 125, 160, 200, 220	
Capacity: [l] 73, 93, 117, 145, 194, 220	
<b>Electric storage water heaters: suspended, vertical</b>	
OKCE 50, 80, 100, 125, 160, 200, 220	OKCE 200
Capacity: [l] 49, 75, 97, 122, 149, 199, 220	
<b>Electric storage water heaters: S-stationary</b>	
OKCE 100, 125, 160, 200, 250, 300 S/2,2 kW	OKCE 200 S/2.2 kW
OKCE 160, 200, 250, 300, 350, 400, 450, 500, 750, 800, 1000 S/6,6 kW	OKCE 200 S/6.6 kW
OKCE 160, 200, 250, 300, 350, 400, 450, 500, 750, 800, 1000 S	OKCE 1000 S
Capacity: [l] 98, 128, 157, 210, 250, 300, 350, 389, 450, 462, 750, 800, 969	
<b>Combined storage water heaters: horizontal</b>	
OKCV 100, 125, 160, 200, 220	OKCV 200
Capacity: [l] 98, 123, 148, 201, 220	
<b>Electric storage water heaters: horizontal</b>	
OKCEV 100, 125, 160, 200, 220	OKCEV 200
Capacity: [l] 98, 123, 148, 201, 220	
<b>Electric storage water heaters: suspended, vertical</b>	
TO 20.1, 30.1	TO 20.1
Capacity: [l] 20, 30	
<b>Hot-water storage tanks: suspended, vertical</b>	
Area of exchanger 1.08 m <sup>2</sup>	OKC 100/1 m <sup>2</sup>
OKC 100, 125, 160, 200, 220/1 m <sup>2</sup>	
OKC 200/1 m <sup>2</sup> 2/4 kW	OKC 200/1 m <sup>2</sup> 2/4 kW
Capacity: [l] 95, 120, 147, 195, 220	
<b>Hot-water storage tanks: horizontal</b>	
OKCV 100, 125, 160, 200, 220 NTR	OKCV 200 NTR
Capacity: [l] 98, 123, 148, 201, 220	
<b>Hot-water storage tanks: stationary</b>	
OKC 30, 40, 50, 60, 80, 100, 125, 160, 200, 250 NTR	OKC 200 NTR
OKC 200, 250 NTRR	OKC 200 NTRR
OKC 30, 40, 50, 60, 80, 100, 125, 160, 200, 250, 300, 350, 400, 450, 500, 750, 1000 NTR/BP	OKC 200 NTR/BP
OKC 200, 250, 300, 350, 400, 450, 500, 750, 1000 NTRR/BP	OKC 200 NTRR/BP
Capacity: [l] 30, 40, 50, 60, 87, 113, 148, 200, 208, 234, 242, 285, 296, 363, 373, 433, 447, 710, 725, 930, 945	
<b>Hot-water storage tanks (upper outlets): stationary</b>	
OKC 80, 100, 125, 160, 200, 250 NTR/HV	OKC 200 NTR/HV
Capacity: [l] 80, 87, 113, 144, 200, 250	
OKC 80.1, 100.1, 125.1, 160.1, 200.1, 250.1 NTR/HV	OKC 200.1 NTR/HV
Capacity: [l] 80, 87, 113, 144, 200, 250	



Product	Example of designation
<b>Hot-water storage tanks: stationary</b>	
With flange and additional electric heating element	OKCE 200 NTR/2.2 kW
OKCE 80, 100, 125, 160, 200, 250, 300 NTR/2.2 kW	
OKCE 200, 250, 300 NTRR/2.2 kW	OKCE 200 NTRR/2.2 kW
OKCE 300 NTR/6.6 kW	OKCE 300 NTR/6.6 kW
OKCE 300 NTRR/6.6 kW	OKCE 300 NTRR/6.6 kW
OKCE 100, 125 NTR/HV/2.2 kW	OKCE 100 NTR/HV/2.2 kW
OKCE 80.1, 100.1, 125.1, 160.1, 200.1, 250.1 NTR/HV/2.2 kW	OKCE 100.1 NTR/HV/2.2 kW
Capacity: [l] 80, 85, 110, 149, 200, 208, 233, 241, 250, 285, 288, 292, 294	
<b>Hot-water storage tanks: stationary</b>	
OKC 160, 200, 250, 300, 350, 400, 450, 500 NTR/SOL	OKC 500 NTR/SOL
OKC 160, 200, 250, 300, 350, 400, 450, 500 NTRR/SOL	OKC 500 NTRR/SOL
OKC 400, 500 NTRR/HP/SOL	OKC 400 NTRR/HP/SOL
Capacity: [l] 160, 200, 242, 275, 300, 350, 352, 450, 469	
<b>Hot-water storage tanks: stationary</b>	
OKC 160, 200, 250, 300, 400, 500 NTR / HR 120	OKC 200 NTR / HR 120
OKC 200, 250, 300, 400, 500 NTRR / HR 120	OKC 200 NTRR / HR 120
Capacity: [l] 160, 200, 250, 300, 400, 500	
<b>Hot-water storage tanks: stationary</b>	
OKC 160, 200, 250, 300, 400, 500, 600, 750, 800, 900, 1000 NTR/HP	OKC 200 NTR/HP
Capacity: [l] 160, 208, 234, 286, 352, 469, 600, 710, 800, 900, 930	

OKC...NTR(NTRR)/HR storage tank is a combination of the water heater (upper location) and storage tank (hydraulic distributor – HR, lower location).

The storage tank capacity is 50, 80, 100, 120, 160, 200, 250, 300 l.

The volume of the water heater/volume of the storage tank (e.g. OKC 200 NTR/HR 100) is indicated on the label of the OKC ... NTR (NTRR)/HR storage tanks.





**Water heaters – OKH type series:**

Product	Example of designation
<b>Electric storage water heaters: suspended, vertical</b>	
OKHE 50, 80, 100, 125, 160, 200	OKHE 200
Capacity: [l] 50, 75, 100, 121, 153, 200	
OKHE ONE 30, 50, 80, 100, 120	OKHE ONE 50
Capacity: [l] 28, 41, 65, 80, 98	
<b>Electric storage water heaters: S-stationary</b>	
OKHE 80, 100, 125, 160, 200 S/2.2 kW	OKHE 200 S/2.2 kW
Capacity: [l] 80, 100, 125, 160, 200	
<b>Combined storage water heaters: horizontal</b>	
OKHV 100, 125, 160, 200	OKHV 200
Capacity: [l] 100, 125, 160, 200	
<b>Electric storage water heaters: horizontal</b>	
OKHEV 100, 125, 160, 200	OKHEV 200
Capacity: [l] 100, 125, 160, 200	
<b>Hot-water storage tanks: suspended, vertical</b>	
Area of exchanger 1.08 m <sup>2</sup>	OKH 100/1 m <sup>2</sup>
OKH 100, 125, 160, 200, 220/1 m <sup>2</sup>	
Capacity: [l] 95, 120, 147, 195, 220	
<b>Hot-water storage tanks: stationary</b>	
OKH 80, 100, 125, 160, 200, 250 NTR/HV	OKH 100 NTR/HV
Capacity: [l] 87, 113, 125, 160, 200, 250	
<b>Hot-water storage tanks: horizontal</b>	
OKHV 100, 125, 160, 200, 220 NTR	OKHV 200 NTR
Capacity: [l] 100, 125, 160, 200, 220	
<b>Hot-water storage tanks: stationary</b>	
Additional el. heating element	OKHE 160 NTR/2.2 kW
OKHE 80, 100, 125, 160 NTR/2.2 kW	
OKHE 200, 250 NTRR/2.2 kW	OKHE 200 NTRR/2.2 kW
Capacity: [l] 80, 100, 125, 160, 200, 250	
<b>Pressure storage water heaters:</b>	
<b>Connection above the supply point</b>	
TO UP 15	TO 15 UP
Capacity: [l] 14.8	
<b>Connection under the supply point</b>	
TO IN 15	TO 15 IN
Capacity: [l] 14.9	
<b>Pressureless storage water heaters</b>	
<b>Connection above the supply point</b>	
BTO UP 5, 10	BTO 10 UP
Capacity: [l] 5.5; 9.8	
<b>Connection under the supply point</b>	
BTO IN 5, 10	BTO 10 IN
Capacity: [l] 5.7; 9.9	



Product	Example of designation
<b>Electric instantaneous water heaters</b>	
PTO 3.5; 5; 6.5; 8	PTO 3,5
Capacity: [I] Not specified	

**Water heaters – SMART type series:**

Product	Example of designation
<b>Electric storage water heaters: suspended, vertical</b>	
OKHE 50, 80, 100, 125, 160, 200, 220	OKHE 200 SMART
Capacity: [I] 50, 77, 100, 125, 149, 200, 220	

**Storage tanks – type series:**

Product	Example of designation
<b>Storage tanks: stationary (versions v1 to v20)</b>	
NAD 40, 50, 80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 750, 800, 900, 1000, 1250, 1500, 2000, 2500, 3000, 4000 (v1 – v20)	NAD 400
UKV 200, 250, 300, 350, 400, 450, 500	UKV 400
NADO 50, 80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 750, 800, 900, 1000, 1250, 1500, 2000, 2500, 3000, 4000 (v1 – v20)	NADO 400
NADE 50, 80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 750, 800, 900, 1000, 1250, 1500, 2000, 2500, 3000, 4000 (v1 – v20)	NADE 400
NADOE 50, 80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 750, 800, 900, 1000, 1250, 1500, 2000, 2500, 3000, 4000 (v1 – v20)	NADOE 400
NADS 50, 80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 750, 800, 900, 1000, 1250, 1500, 2000, 2500, 3000, 4000 (v1 – v20)	NADS 400
NADOS 50, 80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 750, 800, 900, 1000, 1250, 1500, 2000, 2500, 3000, 4000 (v1 – v20)	NADOS 400
Capacity: [I] 50, 80, 120, 200, 265, 316, 320, 350, 358, 400, 405, 450, 470, 475, 600, 700, 772, 775, 820, 930, 999, 1250, 1507, 2007, 2500, 3000, 4000 (v1 – v20)	

Versions v1 to v20 differ in diameter and location of nozzles according to customer requirements (does not apply to UKV tanks).

NADO, NADOE tanks are also used for domestic water heating via a built-in tank (tank in tank) in the interior. The volume of the tank is 10, 15, 20, 25, 35, 45, 60, 100, 120, 140, 160, 200, 250, 300, 350, 400 l according to the volume of the storage tank.



**Accessories:**

Product	
<b>TPK – Heating flange with ceramic elements</b>	
TPK	150-8/2.2 kW
TPK	150-8/3.3 kW
TPK	150-8/6 kW
TPK	168-8/2.2 kW
TPK	168-8/3.3 kW
TPK	168-8/6 kW
TPK	210-12/2.2 kW
TPK	210-12/3.3 kW
TPK	210-12/6.6 kW
TPK	210-12/9 kW
TPK	210-12/12 kW
<b>TJ – Screw heating unit</b>	
TJ	6/4" - 2 kW
TJ	6/4" - 2.5 kW
TJ	6/4" - 3.3 kW
TJ	6/4" - 3.75 kW
TJ	6/4" - 4.5 kW
TJ	6/4" - 6 kW
TJ	6/4" - 7.5 kW
TJ	6/4" - 9 kW
TJ	6/4" S – 2.5 kW
TJ	6/4" E – 3.3 kW
TJ	6/4" E - 3.75 kW
TJ	6/4" E – 4.5 kW
TJ	6/4" E - 6 kW
TJ	6/4" E – 7.5 kW
TJ	6/4" E - 9 kW





**System units:**

Product		Example of designation	
<b>Without storage tanks:</b>			
	Type according to heat pump capacity:		
HUBERT monoblock	*	HUBERT monoblock	
HUBERT split	6, 8-12, 16	HUBERT 8-12 split	
HUBERT monoblock +	*	HUBERT monoblock +	
HUBERT split +	6, 8-12, 16	HUBERT 8-12 split +	
* – Capacity not specified			
<b>With storage tanks:</b>			
	Hot-water storage tank capacity [l]:	Equilizing storage tank capacity [l]:	
HMTM	200, 250, 300, 400	40, 50, 60, 70, 80	HMTM 250/50
HMTS-6	200, 250, 300, 400	40, 50, 60, 70, 80	HMTS 250/50-6
HMTS-8-12	200, 250, 300, 400	40, 50, 60, 70, 80	HMTS 250/50-8-12
HMTS-16	200, 250, 300, 400	40, 50, 60, 70, 80	HMTS 250/50-16
HM – hydraulic module, T – hot water, M – monoblock, S – split			

**RULES FOR USING THE CERTIFICATE**

For the purpose of placing the products on the market, this Certificate may only be used during the period of its validity and provided the provisions of the Technical Construction Certificate applied for certification of the products remain valid. If the normative documents applicable to the certified products have changed or new normative documents have been issued, the usability of the Certificate must be reviewed.

The Certificate may only be used as a certificate for the products specified on Pages 1 to 7. This also applies to its use in advertising, promotional and commercial materials. This Certificate may be copied in its entirety without written consent of the Engineering Test Institute. Unauthorised or deceptive use of the Certificate may result in its withdrawal.

It is prohibited to change, amend or overwrite the data contained in the Certificate.

The Certificate may not be used for documenting the properties of the products changed without consent of the Engineering Test Institute in such a way that conformity with the Technical Construction Certificate specified on Page 1 has been affected.

Certification Body requires the holder of this Certificate to keep records of all the complaints and corrective actions relating to the products covered by this Certificate.

